

VASILENKO, V. (g. Malgobek)

Preventing cable injuries caused by rodents. Radio no.6:46 Je '56.
(MLRA 9:8)

(Electric cables)

VASILENKO, V.

Performance of the TMZ car loader. Muk.-elev.prom. 25 no.7:18
Jl '59. (MIRA 12:11)

1. Kolosovskiy elevator Nikolayevskoy oblasti.
(Grain-handling machinery)

VASILENKO, V.

107-9-22/53

AUTHOR: Vasilenko, V.

TITLE: Equipment for Super-Long Distance TV-Reception (Ustanovka dlya sverkhdal'nego priyema televideniya)

PERIODICAL: Radio, 1957, # 9, p 33-34 and p 4 of the insert (USSR)

ABSTRACT: The equipment for super-long-distance reception was in operation more than 30 months in Voroshilov. It provided a regular TV-reception from the Vladivostok amateur TV-center and from Japan. The aural reception was excellent and the video reception was good with a minimum of 300-400 lines. The TV-reception from Vladivostok had a high stability, while deep fadings were observed in the reception of Japanese programs, though the field-intensity of Japanese TV-centers is sometimes much higher than that of the Vladivostok TV-center.

A "KBH-49-4" TV-receiver was used with slight modifications and accessory units for the video reception and a "Rekord" TV-receiver was used for the aural reception. The TV-receivers "Temp-2", "Avangard", "Avangard-55", "Ekran" and "Luch" were also tested but the best results were obtained with the two first mentioned types. The accessory equipment used for the super-long-distance reception is described in the article, i.e. antennas, antenna amplifiers, selsyns, rectifiers.

Card 1/2

Equipment for Super Long Distance TV-Reception

107-9-22/53

The automobile disturbances are easily eliminated by placing the antenna amplifier close to the antenna. Disturbances caused by the harmonics of powerful short wave radio stations were eliminated by a special barrier-filter, consisting of HF and LF filter-stoppers connected with the cable and tuned to the disturbance frequency. The best results were obtained with the filter represented by figure 1.

This article contains 2 figures and 1 Russian reference.

AVAILABLE: Library of Congress

Card 2/2

(A) L 13025-66 EWT(d)/FSS-2

ACC NR: AP6000315

SOURCE CODE: UR/0356/65/000/010/0030/0031

AUTHOR: Vasilenko, V. (Engineer)

ORG: Republican Union of "Ukrstel'khoztekhnika" (Respublikanskoye ob'yedineniye "Ukrstel'khoztekhnika")

TITLE: Dispatcher radio communication in the Ukraine

SOURCE: Tekhnika v sel'skom khozyaystve, no. 10, 1965, 30-31

TOPIC TAGS: radio communication, radio communication system, radio transmitter, agriculture, *AGRICULTURAL ENGINEERING*

ABSTRACT: Dispatcher radio communication is used in 24 oblasts of the Ukraine for communication between central farmsteads, tractor stations, and mobile repair units. The introduction of this service has considerably improved the operation of the machine and tractor stations. Technical help to the tractor teams has become operative, and repairs, maintenance, and delivery of spare parts and gas, oil, etc., are better organized. As a result the productivity of the machines has been increased. Two radio stations handle the dispatch work. One has a range of 30 km and operates at a fixed frequency in the 1600-2000 kc range on one sideband. The station is powered by 8 dry cells or 12-V storage batteries.
Card 1/2 UDC: 63:621.396.72

L 13025-66

ACC NR: AP6000315

The radio station weighs 4 kg and costs 350 rubles. An ultrashort-wave radio-station is used for communication with the mobile repair units. It operates at 57.1 - 57.5 Mc and has a range of 45 km. This station is powered from an a-c 220-V network or from a 12-V battery. It costs 550 rubles. The dispatchers of the central farmsteads and the accountants of the tractor teams transmit information in the open. They are forbidden to use numbers, codes, and abbreviations, to communicate with unauthorized correspondents, and transmit information on other frequencies.

SUB CCDE: 02, 17 / SUBM DATE: none

Card 2/2

VASILENKO, V.; CHERTKOV, B.; MIKHLIN, Ye.I.; redaktor; RODCHENKO, N.I.,
tekhnicheskii redaktor.

[In Leningrad factories; a collection of articles] Na zavodakh
Leningrada; sbornik statei. Leningrad, Leningradskoe gazetno-
zhurnal'noe i kn-vo, 1956. 259 p. (MLRA 9:6)
(Leningrad--Industries)

BELOTSERKOVSKIY, Artem Markovich; SHTEYNBUK, Vladimir L'vovich;
VASILENKO, V., red.; TIMOSHEVSKAYA, A.A., tekhn. red.

[Plastics in mining]Plastmassy v gornom dele. Stalino,
Knizhnoe izd-vo, 1960. 132 p. (MIRA 15:8)
(Plastics) (Mining engineering--Equipment and supplies)

VASILENKO, V.A. (g.Ivanovo (oblastnoy), Sadovaya ul., d.36, kv.83).

Interconnections of internal testicular veins and veins of
pampiniform plexus. Arkh.anat.gist. i embr. 74 no.6:94-99
N-D '57. (MIRA 11:3)

1. Kafedra topograficheskoy anatomii i operativnoy khirurgii (zav.-
prof. M.D.Zlotnikov) Ivanovskogo meditsinskogo instituta.
(TESTES, blood supply
internal testicular veins & veins of pampiniform
plexus, interconnections)

VASILENKO, V.A. (Ivanovo (obl.), Sadovaya ul., 36, kv.106)

Anatomy of the renal veins. Arkh.anat.gist. i embr. 37 no.7:92
Jl '59. (MIRA 12:10)

1. Kafedra topograficheskoy anatomii i operativnoy khirurgii
(zav. - prof.M.D.Zlotnikov) Ivanovskogo meditsinskogo instituta.
(KIDNEY, blood supply)

VASILENKO, V.A. (Iyanovo (obl.), Mezhevoy pereulok, 14, kv. 14)

Venous anastomoses in yomentorenopexy. Arkh. anat. gist. embr. 39
no. 10:94-98 O '60. (MIRA 14:2)

1. Kafedra operativnoy khirurgii (zav. - prof. M.D. Zlotnikov)
Ivanovskogo gosudarstvennogo meditsinskogo instituta.
(HYPERTENSION) (OMENTUM—SURGERY) (KIDNEYS—SURGERY)

VASILENKO, V.A., kand.med.nauk

Renal function in omentorenopexy in portal hypertension; an experimental study. Urologiia no.538-11 '62. (MIRA 15:12)

1. Iz kafedry operativnoy khirurgii i topograficheskoy anatomii (zav. - prof. M.D. Zlotnikov) i kafedry farmakologii (zav. - prof. G.M. Shpuga) Ivanovskogo meditsinskogo instituta.
(PORTAL HYPERTENSION) (OMENTUM--SURGERY)
(KIDNEYS--SURGERY)

VASILENKO, V.A.

Kidney function during the process of compensatory hypertrophy.
Fiziol. zhur. 49 no.5:535-541 My '63.

(MIRA 17:11)

1. From the Departments of Operative Surgery and of Pharmacology,
Medical Institute, Ivanovo.

VASILENKO, V.A.

Compensatory capacity of the resected kidney. Biul. eksp. biol. i
med. 57 no.6:26-30 Je '64. (MIRA 18:4)

1. Kafedra topograficheskoy anatomii i operativnoy khirurgii
Ivanovskogo meditsinskogo instituta. Nauchnyy konsul'tant -
prof. G.M.Shpuga [deceased].

VASILENKO, V., polkovnik zapasa, kand. filosofskikh nauk; RASKAT, M.,
polkovnik zapasa, kand. filosofskikh nauk; SEREGIN, V., polkovnik
zapasa, kand. istoricheskikh nauk; SKURIKHIN, M., polkovnik zapasa

A great military and labor victory. Komm. Vooruzh. Sil 46 no.8:88-94
Ap '65. (MIRA 18:6)

VASILENKO, V.A. (Moskva)

Concerning the realization of absolute invariancy principle in
linear systems with variable parameters. Izv. AN SSSR. Otd. tekhn.
nauk. Energ. i avtom. no.3:97-100 My-Je '61. (MIRA 14:7)
(Automatic control)

39610
S/194/62/000/004/031/105
D222/D309

16,4000
AUTHOR:

Vasilenko, V. A.

TITLE:

Invariant, optimal, linear systems with variable parameters

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 4, 1962, abstract 4-2-93p (V sb. Avtomat. upr. i vychisl. tekhn., no. 4, M., Mashgiz, 1961, 258-267)

TEXT: A control system is considered which is described by linear equations with variable coefficients, and which is invariant with respect to perturbations and changes in the parameters. The structural schemes of linear invariant systems (IS) with optimal characteristics are derived. An IS makes it possible to improve the quality of reproduction of the useful signal, while simultaneously improving its stability. The principle of invariance against external perturbations can be extended to the case of variations in the parameters (internal perturbations). Using this principle it is possible to maintain the optimal characteristics of a control sys-

Card 1/6

Invariant, optimal, linear ...

S/194/62/000/004/031/105
D222/D309

tem irrespective of the character of the change in parameters. The essential features of the proposed method of constructing an IS are as follows: A linear dynamic system with variable parameters is considered. With optimal adjustment of the system it is described by the following differential equation:

$$x^n + a_1(t)x^{n-1} + a_2(t)x^{n-2} + \dots + a_n(t)x = F(t) \quad (1)$$

where $F(t)$ is the control signal. If x_{01} is a particular solution of Eq. (1) and $\bar{x}$ is the general solution of the homogeneous differential equation, then the general solution of the equation is of the form:

$$x_1 = \bar{x}_1 + x_{01} \quad (2)$$

With non-optimal adjustment the differential equation of the system is:

Card 2/6

Invariant, optimal, linear ...

S/194/62/000/004/031/105
D222/D309

$$x^m + B_1(t)x^{m-1} + B_2(t)x^{m-2} + \dots + B_m x = f_1(t) \quad (3)$$

where $f_1(t) = F(t) + n(t)$; $n(t)$ is the perturbation. The general solution of Eq. (3) is written as:

$$x_2 = \bar{x}_2 + x_{02} \quad (4)$$

For optimal motion of the system (4) and (2) it is necessary that the initial conditions in Eqs. (1) and (3) be identical, and the right-hand parts of Eqs. (2) and (4) be identical, which is possible when $a_i = B_i$; $f_1(t) = F(t)$. This means that it is possible to select $f_1(t)$ in such a way that the identity $\bar{x}_1 + x_{01} = \bar{x}_2 + x_{02}$ is fulfilled when $\bar{x}_1 \neq \bar{x}_2$. This also means that if to system (3) we add the signal $\varphi(t)$, then its output coordinate x_2 will vary accord-

Card 3/6

S/194/62/000/004/031/105
D222/D309

Invariant, optimal, linear ...

ing to the optimal law. Eq. (3) is transformed into:

$$x_2^n + a_1(t)x_2^{n-1} + a_2(t)x_2^{n-2} + \dots + a_n(t)x_2 = F(t) + \varphi(t) \quad (5)$$

The equivalent input signal $\varphi(t)$ is determined from Eq. (1) if:
 $x_2 = x_1 + x_3$ where x_3 is determined from (5) when $F(t) = 0$. The relationship between the input and output signals of an optimal system is determined by means of the operator A_1 :

$$x_1 = A_1 \cdot F(t) \quad (6)$$

The same relationship with misalignment is expressed by means of the operator A_2 :

$$x_2 = A_2 f_1(t) \quad (7).$$

Card 4/6

Invariant, optimal, linear ...

S/194/62/000/004/031/105
D222/D309

then

$$x_3 = A_1 \varphi(t) \quad (8)$$

The equivalent signal is:

$$\varphi(t) = A_1^{-1} [A_2 f_1(t) - A_1 F(t)] \quad (9)$$

If the investigated system has optimal parameters, but is under the influence of not only the control signal $F(t)$, but also of the input perturbation $n(t)$, then $A_2 = A_1$

$$\begin{aligned} f_1(t) &= F(t) + n(t) \\ \varphi(t) &= n(t) \end{aligned} \quad (10)$$

Card 5/6

Invariant, optimal, linear ...

S/194/62/000/004/031/105
D222/D309

Consequently, if an additional signal $\varphi(t)$ is fed to the system, then it will be invariant with respect to perturbations and deviations of the parameters from their optimal values. The structural scheme is obtained on the basis of expression (9). 2 references.

[Abstracter's note: Complete translation.]

Card 6/6

16.8000 (1031, 1121, 1132)

25776 S/020/61/139/002/006/017
B104/B205

AUTHOR: Vasilenko, V. A.

TITLE: The possibility of generalizing the principle of invariance in linear automatic control systems with varying parameters

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 139, no. 2, 1961, 324 - 326

TEXT: The theoretical assumption that any coordinate of a linear dynamic system is independent of external forces was mathematically substantiated by N. N. Luzin and P. I. Kuznetsov (DAN, 51, no. 4, (1946); DAN, 51, no. 5, (1946)). This problem was further developed by V. S. Kulebakin (DAN, 60, no.2, (1948); DAN, 68, no.5, (1949)) who showed new ways within the theory of automatic control, which are based on rules exhibited by combined automatic systems. The realization of the principle of invariance, developed for systems having constant parameters, meets with considerable difficulties in numerous electric systems, since some parameters of the components of the circuit change during operation. The theory of in-

Card 1/5

The possibility of generalizing...

25776 S/020/61/139/002/006/017
B104/B205

variance can also be applied to systems with varying parameters. Here, disturbances mean not only external forces acting on the system but also inner forces produced by variations of the parameters. In view of this fact it is possible to solve the problems connected with the design of optimum, linear, automatic control systems on the basis of the theory of invariance. A knowledge of the optimum linear characteristic of the object to be controlled, however, is required for the purpose. Deviations from this characteristic are attributed to the action of external disturbances. The system

[illegible]

is assumed to describe a dynamic system. a_{ij} are operator polynomials;

Card 2/5

The possibility of generalizing...

25776

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a_{kl}^* is an operator polynomial with varying parameters; $a_{kl}^* x_1'' + b_1(t)x_1' + b_2(t)x_1$, where x_1 are unknown time functions. The system becomes optimal if $a_{kl}^* = a_{kl}$. Then, one has $a_{kl} = c_0 x_1'' + c_1 x_1' + c_2 x_1$, where c_i are constant coefficients. Next, the condition is established, under which a coordinate x_j of system (1) will become independent of one or several forces $f_i(t)$ and, accordingly, of the deviations of $b_i(t)$ from c_i . Here, $f_k(t)$ is supposed to be an analytic function which is holomorphic in $t = t_0$. System (2) is written in the form

[illegible]

Card 3/5

25776

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The possibility of generalizing...

where $F_k(t) = f_k(t) + a_{kl}x_l - a_{kl}^*x_l$ is the k-th resultant disturbance. Since (2), unlike (1), is a system with constant coefficients, it is necessary and sufficient for the fulfillment of the demands made here that the minors Δ_{ij} of the determinant of (2) be zero: $\Delta_{ij} = 0$ (3). The following summary is presented on the strength of a theorem by Luzin and Kuznetsov: If it is possible to indicate the differential operator a_{kl} which transforms $F_k(t)$ into a holomorphic function within a certain interval, then every coordinate x_j of system (1) will be independent of variations of the parameters $b_0(t) - c_0$, $b_1(t) - c_1$ and $b_2(t) - c_2$ throughout this interval. This is only possible if condition (3) is fulfilled, and if system (2) permits solutions $(x_1, x_2, \dots, x_n)$ under the conditions $x_j(t_0) = x'_j(t_0) = 0$. This means that in this case, the principle of invariance can be extended to linear systems with varying parameters.

Card 4/5

The possibility of generalizing

25776 S/020/61/139/002/006/017
B104/B205

In practice, the present problem results in finding the resultant disturbance $F_k(t)$, which can be obtained by comparing the reactions of system (1) to the forces $f_1, f_2, \dots, f_n$ acting on it with the reactions of an optimum system having constant parameters to control forces. There are 1 figure and 6 Soviet-bloc references.

PRESENTED: February 12, 1961, by V. S. Kulebakin. Academician

SUBMITTED: March 17, 1960

Card 5/5

KOSYAKOV, P.N.; VASILENKO, V.A.

Virus inhibitors in the saliva of healthy people and in influenza patients. Vop. virus. 10 no.2:204-209 Mr-Apr '65.

(MIRA 18:10)

1. Institut virusologii imeni D.I. Ivanovskogo AN SSSR, Moskva.

USSR / Human and Animal Morphology (Normal and Patho- S-5
logical). Blood-Vascular System. Vessels.

Abs Jour: Ref Zhur-Biol., No 17, 1958, 79141.

Abstract: the splenic and lower mesenteric veins, while
the left gastric vein already falls into the
common trunk of the portal vein; (11 cases) or
by means of a fusion of the upper mesenteric
and left gastric veins with the common trunk of
the lower mesenteric and splenic veins (10 cases).
or from two trunks, one of which is formed with
the fusion of the mesenteric veins, and the other
- of the splenic and left gastric veins (9 cases).

Card 2/2

44

VASILENKO, V.A.

Influence of thyroid hormone on the renal function in the
process of compensatory hypertrophy. Fiziol. zhur. 51
no.5:601-606 My '65. (MIRA 18:6)

1. Kafedra operativnoy khirurgii i topograficheskoy anatomii
Meditsinskogo instituta, Ivanovo.

VELIKANOV, A.A.; VASILENKO, V.A.

Electrolytic tin separation from KCl - SnS system melts.
Zhur. prikl. khim. 37 no.9:2066-2070 S '64.

(MIRA 17:1C)

1. Kiyevskiy gosudarstvennyy universitet.

VASILENKO, V.A.

Introduction of conveyor systems for the production of rubber mixes.

Report presented at the Third All-Union Conference on Automation and mechanization of major rubber production processes, Dnepropetrovsk, 2-6 Oct 62

VASILENKO, V.B.; VARTANOVA, N.S.

Age correlation of granitoids by thermoluminescence. Geol. i geofiz.
no. 7:17-31 '63. (MIRA 16:10)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR,
Novosibirsk.

VARTANOVA, N.S.; VASILENKO, V.B.

Thermoluminescence of granitoids of eastern Transbaikalia. Dokl.
AN SSSR 150 no.5:1109-1111 Je '63. (MIRA 16:8)

1. Institut geologii i geofiziki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom V.S.Sobolevym.
(Transbaikalia--Granite) (Luminescence)

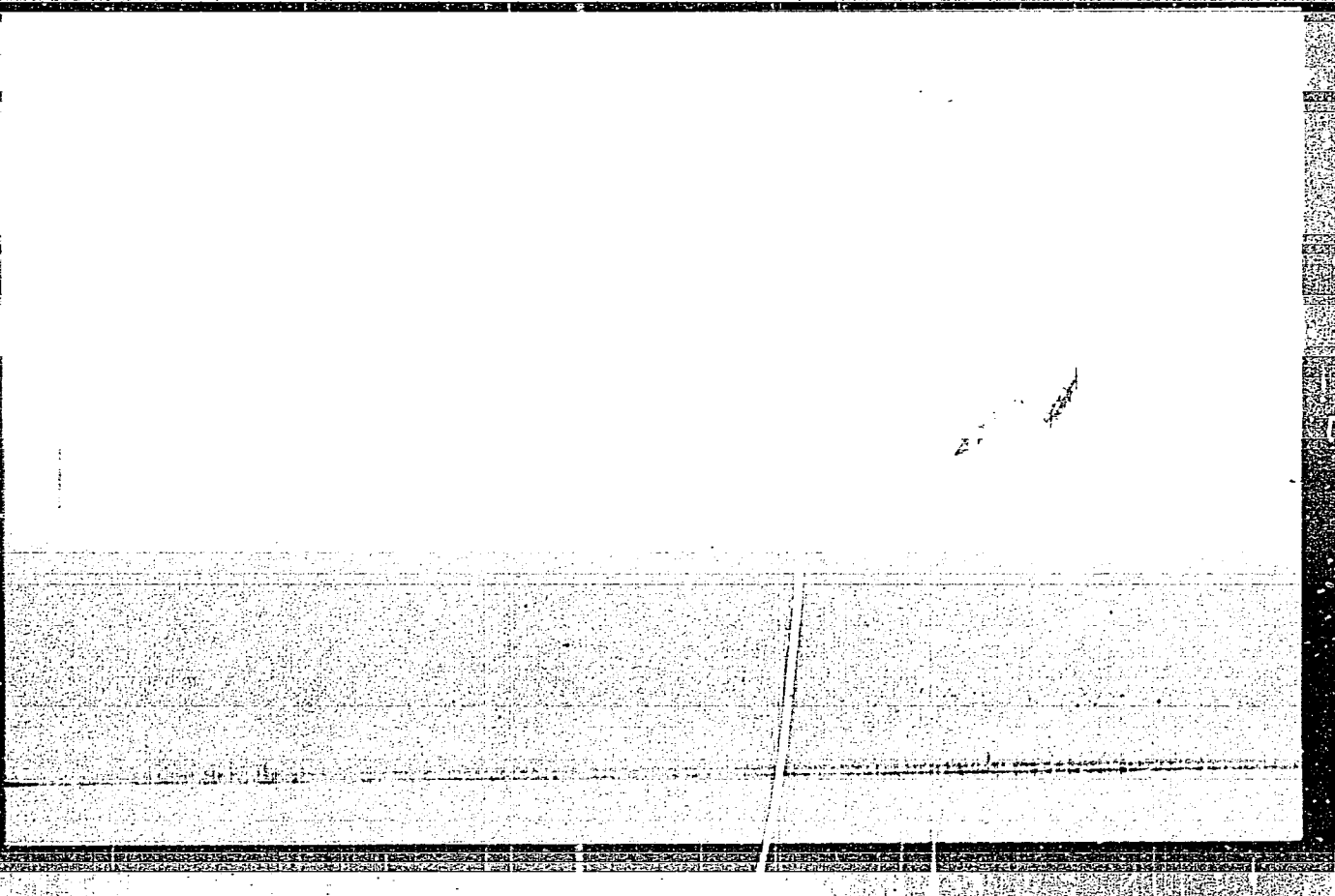
VASILENKO, V. D.

Vasilenko, V. D. - "The methods of analyzing manganese ores efficiently," Nauch. zapiski (Dnepropetr. gos. un-t), Vol. XXXIII, 1948, p. 173-83, -Bibliog: 7 items

SO: U-5240, 17, Dec. 53, (Letopis 'Zhurnal 'nykh Statey, No. 25, 1949).

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VASILENKO, V.D.

V. D. VASILENKO

USSR :

Microcrystalloscopic detection of some metals with 8-quinolinol. V. D. Vasilenko, R. E. Beznik, and L. A. Nasonchova. *Trudy Kemiist. Anal. Khim. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 5(6), 112-16 (1964).— The optical properties of their oximates were used to detect Mo^{4+} , W^{6+} , V^{5+} , Ti^{4+} , UO_2^{2+} , Cu^{2+} , Zn^{2+} , and Al^{3+} . Mo^{4+} , W^{6+} , and V^{5+} were detected in Cu solns., Zn solns., and steel. The 8-quinolinol (I) was usually in AcOH soln. For W, 2 drops 4% I soln. is added to a drop of sample on a slide. Dark-green rectangular crystals, frequently in rosettes, related to the trigonal system are formed. By pptn. with alc. I soln. larger crystals, sometimes with forked ends, are formed. Angle of extinction is $35-40^\circ$, crystal size 0.09-0.21 μm , and n is higher than that of I. Detectable min. is 0.05 μm , diln. limit 1:400,000. For V, to a drop of sample is added 30% AcOH a crystal of NaOAc, and excess 1% I soln. Bright-yellow monoclinic prisms appear but their form and color depend on the AcOH concn. By

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V.D. VASILEV
 acidifying with 80% AcOH dark-yellow octahedrons, prisms,
 and rectangles are formed; with 4% AcOH, pale-yellow
 rectangles. The n is higher than that of I. The crystals
 have pleochroism from light yellow to yellow, parallel and
 inclined extinction. Angle of extinction is $21-72^\circ$. The
 sign of the zone of the crystal is neg. Crystal size is 0.3-
 0.56 mm., detectable min. $0.003 \gamma \text{ V}^{5+}$, diln. limit 1:1,000,000.
 Mo osinate is pptd. from 80% AcOH soln. by a 4% I soln.
 as yellow-green marialites with pleochroism from light yel-
 low to yellow-green. Detectable min. is $0.000 \gamma \text{ Mo}^{VI}$, diln.
 limit 1:300,000. Ti is pptd. from mineral acid soln. by
 yellow, almost orange, cubes and trapezium form. By
 pptn. from AcOH soln. are formed lemon-yellow cubes,
 rapidly grouping into dendrites. The crystals are related to
 the cubic system and are optically isotropic. Detectable
 min. is $0.2 \gamma \text{ Ti}^{IV}$, diln. limit 1:80,000. For UO_2^{++} , a
 drop of sample is acidified with 3% AcOH, a drop of satd.
 NH_4OAc added, and the soln. heated to 80° . Addn. of 4%

V. P. VASILENKO

I soln. forms a yellow ppt. which, by heating, turns to red-orange prisms (with truncated tips) which form rosettes. The crystals have parallel and inclined extinction angle of extinction 23-24°, and n higher than that of I. The size of these monoclinic crystals is 0.28-0.38 mm. Detectable min. is 0.044 γ UO_2^{++} , diln. limit 1:230,000. Cu oxinate is pptd. in AcOH soln. buffered with NaOAc, in alk. Na tartrate soln., and in NH_4OH . Addn. of 4% I soln. ppts. dark-green to yellow needles which form rosettes. The needles have weak pleochroism, parallel extinction, and n higher than that of I. Detectable min. is 0.02 γ Cu^{++} , diln. limit 1:250,000. For the Zn test, a drop of sum. is acidified with 30% AcOH and heated to 60°. Addn. of 1% I soln. ppts. yellow-green elongated prisms. By pptn. from soln. buffered with NaOAc are formed X-crystals and dendrites. These monoclinic crystals have neg. zone index, weak pleochroism, parallel and inclined extinction, and n higher than that of I. The angle of extinction is 15-24°, crystal size 0.21-0.30 mm., detectable min. 0.038 γ Zn^{++} , diln. limit 1:52,000. Pptn. of Al oxinate from AcOH soln. buffered with NaOAc forms long rectangles with split ends and grouped in rosettes. Also, a crystal of tartaric acid and a drop of NH_4Cl soln. are added to a drop of test soln. The

3/4

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4/4

V.D. VASIL'ENKO
 mixt. is neutralized by NH_4OH and heated to $70-80^\circ$. A
 4% I soln. and a drop of NH_4OH are added and the mixt. is
 heated again. Yellow-green rectangles in rosettes ppt.
 The monoclinic prisms have parallel and inclined extinction.
 angle of extinction $16-24^\circ$, and neg. zone index. Crystal
 size is $0.13-0.30 \text{ mm.}$, detectable min. is $0.01 \times \text{Al}^{+++}$, dila.
 limit 1300,000. W, V, and Mo can be detected in Cu
 solns., acidified with 30% AcOH and buffered by a crystal
 of NaOAc , by addn. of 1% I soln.; in the cold, the ox-
 idates of V, Mo, and Cu are formed, and these can be differ-
 entiated by color, form, and size. On heating, W oxinate
 ppts. Limiting ratios are $\text{Cu:W} = 8:1$, $\text{Cu:V} = 4:1$, and
 $\text{Cu:Mo} = 10:1$. Similarly in Zn solns. Limiting ratios are
 $\text{Zn:W} = 5:1$, $\text{Zn:V} = 4:1$, and $\text{Zn:Mo} = 8:1$. In Cu-Zn
 soln. only Cu oxinate is observed. For steel analysis sev-
 eral grains are dissolved in HCl (1:4), oxidized by drops of
 HNO_3 , dild. with H_2O , and filtered. The ppt. is washed
 with dild. HCl (1:10). The ppt. contains WO_3 and SiO_2 ,
 the filtrate contains Mo, V, Fe, Cr, etc. The ppt. is heated
 on a slide with NaOH , neutralized, and acidified with glacial
 AcOH . Addn. of 4% I soln. ppts. yellow-green rectangles
 of W oxinate. The filtrate, after sepn. of WO_3 and SiO_2 ,
 is heated to boiling, made alk. with 6% NaOH , and filtered.
 This filtrate is heated to 80° and acidified with AcOH .
 Addn. of 4% I soln. forms yellow rectangles and prisms of V
 oxinate and yellow-green marbules of Mo oxinate.
 Euzilla Mayers

S/593/60/000/000/004/007
D226/D302

AUTHOR: Vasilenko, V.D., Candidate of Chemical Sciences

TITLE: Amperometric titrations of Ce in Al alloys

SOURCE: Soveshchaniye po khimicheskomu kontrolyu proizvodstva v metallurgicheskoy i metalloobrabatyvayushchey promyshlennosti. Dnepropetrovsk, 1958. Khimicheskij kontrol' proizvodstva v metallurgicheskoy i metalloobrabatyvayushchey promyshlennosti; [doklady soveshchaniya] [Dnepropetrovsk] 1960, 176 - 183

TEXT: The present work was motivated by the absence of a suitable method of determining Ce in Al and Mg alloys. Solutions of pure $\text{Ce}(\text{SO}_4)_2$ containing 0.2×10^{-6} - 8×10^{-5} g equivalents of the salt were used and were titrated with 0.01 N oxalic acid, Mohr's salt and FeSO_4 . Ce^{4+} was found to give rise to a diffusion current when an external emf (1 - 1.4 v) was applied and when Pt electrodes were used, and also without the emf it a Pt and a Hg iodide electrode

Card 1/3

Amperometric titrations of Ce in ...

S/593/60/000/000/004/007
D226/D302

were employed. Oxalic acid titrations were carried out in 0.8 - 1.0N H_2SO_4 , with a max. rel. error $\leq 1\%$ with an external emf and a 1.5 - 2 % error without the emf. Aluminum interfered at Al:Ce ratios greater than 40:1 and the accuracy was also decreased when the acidity was in excess of 1.25 N H_2SO_4 and Al:Ce was 10:1. Aluminum and also manganese should be separated from the sample prior to the titration - other ions, such as Mg, Cu, Zn, Fe etc. did not interfere. Titrations with $FeSO_4$ and Mohr's salt were found to be less satisfactory, although the procedure was simpler, the rel. max. errors reaching 7 % in individual cases. From these results the author gives full details of analytical procedure, which consists essentially of separation of Al and Mn with subsequent titration with oxalic acid. Time of estimation was 1 - 1 1/2 hours. Results of test determinations are tabulated, showing the rel. error to be $\leq 1\%$ when an external emf is applied (Pt electrodes) and $> 2.5\%$ in the absence of an external emf. There are 6 figures, 4 tables and 15 references: 9 Soviet-bloc and 6 non-Soviet-bloc. The references to the English-language publications read as follows: N.H. Furman, J.

Card 2/3

Amperometric titrations of Ce in ...
Am. Chem. Soc., 50, 755, 1928; H.W. Willard, and Young, *ibid.*, 50,
1379, 1928.

S/593/60/000/000/004/007
D226/D302

ASSOCIATION: Dnepropetrovskiy gosuniversitet (Dnepropetrovsk State
University)

Card 3/3

VASILENKO, V.D.

Amperometric titration of yttrium with cupferron. Ukr. khim. 26
no.6:767-770 1960. (MIRA 14:1)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Yttrium Analysis) (Cupferron)

VASILINHO, V.D.

Benzidinedicarboxylic acid as an oxidation-reduction indicator.
Izv.vys.ucheb.zav.;khim.i khim.telk. 4 no.3:511-513 '61.
(MIRA 14:10)

1. Dnepropetrovskiy gosudarstvennyy universitet, kafedra
analiticheskoy khimii. Izv.vys.ucheb.zav.;khim.i khim.telk.
4 no.3:511-513 '61. (MIRA 14:10)
(Benzidine)
(Oxidation-reduction reaction)

VASILENKO, V.D.; OSTROVSKAYA, E.B.; FOMENKO, I.S.

Amperometric titration of thorium salts with cupferron. Zhur. anal.
khim. 16 no. 4:433-437 J1-Ag '61. (MIRA 14:7)

1. Dnepropetrovsk State University.
(Thorium—Analysis) (Cupferron)

AGS. 104 H. 104 104

3 0081, 63 113 1000 1111 1111

SOURCE: RZh. Khimiya, Abs. 8G71

AUTHOR: Vasilenko, V. D.

TITLE: Amperometric titration of certain rare-earth elements by Cupferron

CITED SOURCE: Teoriya i praktika polyarogr. analiza, Kishinev, Shtiintsa, 1962, 24-33

TOPIC TAGS: amperometric titration, Cupferron, rare-earth metal

TRANSLATION OF ABSTRACT: It was determined that Cupferron (I) forms on a rotating Pt-anode a wave of oxidation with $E_{sup 1}$ of 0.7 v. The possibility was investigated of titrating the rare-earth elements Ce and the Y-group with a solution of I on a base electrolyte of ammonium phosphate buffer solutions with pH 3.8 and also on a base electrolyte of hydrochloric acid, sulfuric acid, and acetic acid with a current of oxidation of I on a rotating Pt-anode at 1.0 v. (relative to a saturated starch equivalent) or at 1-1.2 v. (relative to the

Card 1/2

L 15681-63

ACCESSION NR: AR3003586

Pt-anode). The most reproducible results were obtained by titrating on a base electrolyte of ammonium phosphate buffer solution with pH 5 $\pm$ 0.2. For the prevention of the formation of colloidal solutions and the reduction of the solubility of precipitates in the titrated solution (25-10 ml), NaCl was added (3-5 g.). The minimum detected concentration of rare earths was 50 Gamma in 25 ml solution, with an error less than or equal to 2.5%. It was determined that the concentration of precipitate at the point of equivalence corresponded to a ratio I:rare earths=3 $\pm$ 0.1 for the Ce-group and I:rare earths=4 $\pm$ 0.1 for the Y-group. Salts of the alkaline earth metals in low concentrations did not interfere; citric acid interfered, as did iodide ion and complex III. It is recommended that the titration of Th be carried out in acetic acid medium (pH 2.5-4) in the presence of NaCl (0.03 mole in 10 ml). The composition of the precipitate at the point of equivalence corresponds to ratio I:Th=4. The presence of Ca and citric acid does not interfere with the titration, but the rare earths do interfere at a ratio Th:La=2:1, Th:Y=6:1, and Th:Ce=17:1. For the detection of Th in the presence of the rare earths, it is recommended that the titration be carried out at lower values of pH and that citric acid be used as a masking agent. In the determination of 85-340 Gamma Y, 53.6-1072 Gamma La and .000559-.01118 mole Th, the error was not greater than 3-4%.

G. Prokhorova

DATE ACQ: 12Jun63

SUB CODE: CH,EL

ENCL: 00

Card 2/2

VASILENKO, V.D., SHANNYA, M.V.

Reaction of thorium ions with methylthymol blue. Zhurnal-Khim.
20 no.5:636-638 '65. (MIR 15 12)

1. Inzproptetrovskiy gosudarstvennyy universitet. Submitted
June 6, 1964.

ACCESSION NO: 40000000

Author: Vasilenko, V. D., Mazharovskiy, G. S.

1. The author describes the method of determination of lead in water samples by means of the method of extraction with BPFA at higher pH values.

Lead is determined by means of the method of extraction with BPFA at higher pH values. The method is described in detail. The method is suitable for the determination of lead in water samples.

at higher pH values.

Card 1/2

L 29935-65

ACCESSION NR: AP5004739

... of the present and passivation of the electrode by the oxidation products of
... sulfate solution at pH 4.5.

SUBMITTED

...

VASILENKO, V.D.; REZNIK, B.E.; MAKONECHNAYA, L.A.

~~Microcrystalloscopic detection of certain metals with 8-oxy-~~
Microcrystalloscopic detection of certain metals with 8-oxy-
quinoline. Trudy Kon.anal.khim. 5:112-119 '54. (MLBA 8:6)
(Quinoline) (Metals) (Microchemistry)

L 17094-63

EPR/EMP(j)/EPF(c)/EWT(m)/BDS
RM/WH/AR

AFITC/ASD

PS-4/PC-4/PT-4

S/0190/63/005/008/1255/1262

ACCESSION NR: AP3004711

AUTHORS: Ivanov, V. S.; Medvedev, Yu. V.; Vasilenko, V. F.; Breger, A. Kh.; Osipov, V. B.; Gol'din, V. A. 77
77

TITLE: Studies in radiation polymerization, 2. The radiation polymerization of
piperylene 19

SOURCE: Vyssokomolekulyarnyye soyedineniya, v. 5, no. 8, 1963, 1255-1262

TOPIC TAGS: radiation polymerization, piperylene, radiolysis, Co⁶⁰, carbon tetrachloride, argon, krypton

ABSTRACT: Samples of piperylene monomer were placed in sealed glass ampules in an atmosphere of nitrogen, argon, or krypton, and subjected to gamma-irradiation by means of a Co⁶⁰ installation. Following absorption of doses from 1 to 160 Mr, the ampules were opened, the gases subjected to chromatographic study. The obtained polymer was analyzed for viscosity and degree of unsaturation, and was studied by infrared spectroscopy. The gaseous products of radiolysis contained hydrogen, methane, ethylene, acetylene, divinyl and 98.5% piperylene. The degree of unsaturation of the polymer amounted to 84 and 87% for samples receiving 80 and 160 Mr respectively. It was found that the yield of the polymer increased with the

Card 1/2

L 17094-63

ACCESSION NR: AP3004711

2

irradiation dose and that the presence of nitrogen, argon, and krypton exerted a sensitizing effect on radiation polymerization. Infrared spectroscopy revealed that the structure of the polypiperylene consisted mainly of 1,4-trans chains, 1,2-trans chains, or of their combination, while the amount of cis-configurations had decreased trifold. It is concluded that in radiolysis the main line of cleavage of the piperylene molecule consists in the severance of the single bond between the fourth and fifth carbon atoms. The authors are deeply grateful to N. I. Leonova for assistance in infrared spectroscopy. Orig. art. has: 1 table, 2 charts, and 14 formulas.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet fiziko-khimicheskii institut im. L. Ya. Karpova (Leningrad State University, Physical-Chemical Institute)

SUBMITTED: 12Feb62

DATE ACQ: 28Aug63

ENCL: 00

SUB CODE: CH

NO REF SOV: 008

OTHER: 023

Card 2/2

VASILENKO, V.F., vrach

Use of lydase in the treatment of neuralgia of the trigeminal nerve
with alcoholization. Probl. chel.-lits. khir. no.1:181-183 '65.
(MIRA 12:10)

1. Kulikovskaya rayonnaya bol'nitsa.

VASILENKO, V.I., inzh.

The T-40 tractor. Mashinostroenie no.4:92-94 J1-Ag '63.
(MIRA 17:2)

VASILENKO, V.I., inzh.

Use and repair of bushed roller chains. Mashinostroenie
..o. 2:90-92 Mr-Ap '64. (MIRA 17:5)

VASILENKO, V.I. [Vasylenko, V.I.], inzh.-mekhanik, metodist

New agricultural machinery. Mekh.sil'.hosp. 9 no.11:8-9 H '58.
(MIRA 11:12)

1. Pavil'on "Mekhanizatsiya sel'skogo khozyaystva."
(Agricultural machinery)

VASILENKO, V.I. [Vasylenko, V.I.], inzh.

Recent developments in repairing bushed roller chains. Mekh.
sil'. hosp. 14 no.9:12-13 S '63. (MIRA 17:1)

MARTYNOV, F.A., mashinist teplovoza; SOKOLOV, B.I., mashinist teplovoza;
YEVSEYEV, A.G., mashinist teplovoza; VASILENKO, V.I., mashinist
teplovoza; LAUKHIN, T.A., mashinist teplovoza

We shall raise the monthly productivity for diesel locomotives
to 40 million tkm. Elek. i tepl. tiaga 2 no.11:5 N '58.
(MIRA 11:12)

1. Depo Liski Yugo-Vostochnoy deregi.
(Liski--Diesel Locomotives)

VASILENKO, V.I., polkovnik meditsinskoy sluzhby

Organization and methods for climatotherapy in the Gurzuf sanatorium
of the Ministry of Defense. Voen.-med. zhur. no.8:74-75 Ag '61.
(MIRA 15:2)

(GURZUF SANATORIUMS)

I 39803-66 ENT(d)/PWT(m)/ENP(v)/I/ENP(1)/ENP(k)/ENP(h)/ENP(1) IJP(c) ID/H/T/CD-2

ACC NR: AP6011194

SOURCE CODE: UR/0413/66/000/006/0018/0019

INVENTOR: Vasilenko, V. I.; Goshin, S. A.; Lyubchenko, N. I.; Miroshnichenko, S. Ye.

ORG: none

TITLE: A pipe rolling installation. Class 7, No. 179736¹⁸

SOURCE: Izobretaniya, promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 18-19

TOPIC TAGS: pipe, rolling mill

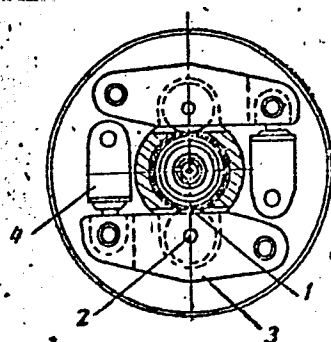
ABSTRACT: This Author's Certificate introduces: 1. An installation for rolling pipes using revolving rollers mounted in a yoke which rotates around the pipe. The productivity of the installation is increased by placing the roller axle in brackets which are turned by hydraulic cylinders and by putting the yoke in a rotating head equipped with a hydromechanical drive. 2. A modification of this installation with a rotating head mounted at each end of the pipe for simultaneous finishing.

UDC: 621.774.77

Card 1/2

L 39803-66

ACC NR: AP6011194



1--roller; 2--roller axle; 3--bracket; 4--hydraulic cylinder

SUB CODE: 13/

SUBM DATE: 11Mar64/

ORIG REF: 000/

OTH REF: 000

Card 2/2 *MLP*

VASILENKO, V. Kh.

Nitrogen metabolism in chronic deficiency of blood circulation Kyiv, Vyd-vo
Akademii nauk URSR, 1941 95 p.

1. Blood - Circulation, Disorders of. 2. Nitrogen - Assimilation and excretion.

VASILENKO, V.Kh., prof.

Changes in glycemia under the effect of insulin and adrenaline in
hepatic stasis. Medych.zhur. 16:478-483 '47. (MIRA 10:12)

1. Z klinichnogo viddilu (zav. - akad. M.D.Strazhesko) Institutu
klinichnoi fiziologii AN URSR (direktor - akad. O.O.Bogomolets'
[deceased])).

(SUGAR IN THE BODY) (LIVER--DISEASES) (INSULIN)

VASILENKO, V. KH.

27916. VASILENKO, V. KH. — Osobennosti izmeneniya dykhraniya pri kardiopul'monal'noy nedostatochnosti. (Tezisy doklada). Trudy XIII vsesoyuz. S'yezd. terapevtov. L., 1949, S. 297.

SO: Ispis' Zhurnal'nykh Statey. Vol. 37, 1949.

VASILENKO, V. KH.

Medicine

(Internal diseases; textbook for training surgical and obstertical assistants)
Moskva, Medgiz, 1951

Monthly List of Russian Accessions, Library of Congress, July 1952. Unclassified.

author
VAYNSHTEYN, G.I., kandidat meditsinskikh nauk; VASILENKO, V.Kh., professor,
chlen-korrespondent Akademii meditsinskikh nauk SSSR, direktor; TALYZIN,
F.F., professor, direktor.

Roentgen diagnosis of brown induration (cardiogenic pneumosclerosis) and
of pulmonary hemosiderosis. Vest.rent.i rad. no.2:33-41 Mr-Ap '53.
(MLRA 6:6) 6 10

1. Propedevticheskaya terapevticheskaya klinika I Moskovskogo ordena Le-
nina meditsinskogo instituta (for Vaynshteyn and Vasilenko). 2. Pervyy
Moskovskiy ordena Lenina meditsinskiy institut (for Talyzin). 3. Akade-
miya meditsinskikh nauk SSSR (for Vasilenko). (Diagnosis, Radioscopic)
(Lungs--Diseases)

IVANOVA, D.A.; VASILENKO, V.Kh., professor, deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR, direktor.

Clinical and pathologicoanatomic picture in antifreeze poisoning. Terap. arkh. 25 no.3:67-76 My-Je '53. (MLBA 6:9)

1. Propedevticheskaya terapevticheskaya klinika I Moskovskogo ordena Lenina meditsinskogo instituta.

(Antifreeze solutions--Physiological effect) (Poisons)

IVANOVA, D.A. (Moscow); VASILENKO, V.Kh., professor, direktor.

Tonus of the skeletal muscles in cardio-pulmonary insufficiency. Klin.med.
31 no.7:68-72 J1 '53. (MLR 6:9)

1. Propedevticheskaya terapevticheskaya klinika I Moskovskogo ordena Lenina
meditsinskogo instituta. (Muscles) (Respiratory organs)

VASILENKO, Vladimir Kharitonovich; AVIOSOR, M.L., professor; ARTEM'YEV,
S.G., redaktor; BOBROVA, Ye.N., tekhnicheskiiy redaktor.

[Internal medicine] Vnutrennie bolezni. Pri uchastii M.L.Aviosora.
7-e izd. Moskva, Gos. izd-vo med. lit-ry, 1954. 503 p. [Microfilm]
(Medicine) (MLRA 8:1)

VASILENKO, V.Kh., professor (Moscow)

"Diagnosis and therapy of emergency conditions in the clinical treatment of internal diseases." S.G. Vaisbein. Reviewed by V. Kh. Vasilenko. Klin.med. 33 no.5:91-94 My '55. (MLRA 8:9)
(VAISBEIN, V.Kh) (DIAGNOSIS) (MEDICINE)

VASIL'EV V. A.
 BAKULEV, A.N., glavnyy redaktor; ANICHKOV, N.N., redaktor; BOLDYREV, T.Ye.,
 redaktor; BRUSILOVSKIY, L.Ya., redaktor; BYKOV, K.M., redaktor;
 VASIL'ENKO, V.Kh., redaktor; VINOGRADOV, N.A., redaktor; GRASHCHENKOV,
 N.I., redaktor; DAVYDOVSKIY, I.V., redaktor; ZDRODOVSKIY, P.P.,
 redaktor; KAVETSKIY, R.Ye., redaktor; KOCHERGIN, I.G., redaktor;
 KROTKOV, P.G., redaktor; KUPRIYANOV, P.A., redaktor; LEBEDINSKIY,
 A.V., redaktor; MALINOVSKIY, M.S., redaktor; MAN'KOVSKIY, B.N.,
 redaktor; NESTEROV, A.I., redaktor; ORBELI, L.A., redaktor;
 PAVLOVSKIY, Ye.N., redaktor; SEVERIN, S.Ye., redaktor; SKRYABIN,
 K.I., redaktor; SMIRNOV, Ye.I., redaktor; TIMAKOV, V.D., redaktor;
 TUR, A.F., redaktor; SHABANOV, A.N., redaktor

[Great Medical Encyclopedia] Bol'shaia meditsinskaya entsiklopediya.
 Glav.red. A.N.Bakulev. Chleny red.kolleгии M.N.Anichkov i dr. Izd. 2-oe.
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 spectacles] Grammofonnaia plastinka i ochki-svetofil'try,
 (MEDICINE--DICTIONARIES)

1452010 1 21
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 BRUSILOVSKIY, L.Ya., red.; BYKOV, K.M., red.; VASILENKO, V.Kh.,
 red.; VINOGRADOV, N.A., red.; GRASHCHENKOV, N.I., red.; DAVYDOVSKIY,
 I.V., red.; ZDRODOVSKIY, P.F., red.; KAVETSKIY, R.Ye., red.;
 KOCHERGIN, I.G., red.; KROTKOV, F.G., red.; KUPRIANOV, P.A., red.;
 LEBEDINSKIY, A.V., red.; MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N.,
 red.; NESTEROV, A.I., red.; ORBELI, L.A., red.; PAVLOVSKIY, Ye.N.,
 red.; SEVERIN, S.Ye., red.; SKRYABIN, K.I., red.; SMIRNOV, Ye.I.,
 red.; TIMAKOV, V.D., red.; TUR, A.F., red.; SHABANOV, A.N., red.

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 N.N.Anichkov i dr. Moskva, Gos.izd-vo med.lit-ry. Vol.3.
 B - Bogolepova. Izd.2-oe. 1957. 1176 columns. (MIRA 11:1)
 (MEDICINE--DICTIONARIES)

BAKULEV, A.N., akad., glavnyy red.; ANICHKOV, N.N., red.; BOLDYREV, T. Ye., red.;
BRUSILOVSKIY, L.Ya., prof., red.; BYKOV, K.M., red.; VASILENEO,
V.Kh., red.; GRASHCHENKOV, N.I., prof., red.; DAVYDOVSKIY, I.V., red.;
ZDRODOVSKIY, P.F., red.; KAVETSKIY, R.Ye., red.; KOCHERGIN, I.G., red.;
KROTKOV, F.G., red.; KUPRIYANOV, P.A., red.; ~~LEBEDINSKIY~~, A.V., red.;
MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N., red.; NESTEROV, A.I., red.;
ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.; SEVERIN, S.E., red.;
SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.; TIMAKOV, V.D., prof., red.;
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Ginatrezia-gorenie. [Phonograph record to accompany the article
"Golos"(voice of laryngectomees)] Grammofonnaya plastinka k stat'e
"Golos"(golos liaringektomirovannykh bol'nykh). [Three-dimensional
viewer] Ochkii-svetofil'try. (MIRA 11:12)
(MEDICINE--DICTIONARIES)

BAKULEV, A.N., glav. red.; ANICHKOV, H.N., red.; BOLDYREV, T.Ye., red.;
BRUSILOVSKIY, L.Ya., red.; BYKOV, K.M., red.; VASILENKO, V.Kh., red.;
VINOGRADOV, N.A., red.; GRASHCHENKOV, N.I., red.; DAVYDOVSKIY, I.V.,
red.; ZDRODOVSKIY, P.F., red.; KAVETSKIY, P.Ye., red.; KOCHERGIN,
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A.V., red.; MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N., red.;
NESTEROV, A.I., red.; ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.;
SEVERIN, S.Ye., red.; SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.;
TIMAKOV, V.D., red.; TUR, A.F., red.; SHABANOV, A.N., red.;
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___[Phonograph record to accompany the article on "Congenital heart
disease"] Grammofoonnaia plastinka sodержit zapis' zvukovykh iavle-
nii k stat'ie "Vrozhdennyye poroki serdtsa." Glav. red. A.N.Bakulev.
Chleny red. kollegii N.N. Anichkov i dr. Izd.2. Moskva, Gos. izd-vo
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(MEDICINE--DICTIONARIES) (MIRA 11:7)

VASILENKO, V.M., prof.; ZHUKOVSKIY, M.A., kand.med.nauk

Prospects for the development of medicine in the U.S.S.R. in
1959-1965. Klin.med. 37 no.1:3-12 Ja '59. (MIRA 12:3)

1. Deystvitel'nyy chlen AMN SSSR (for Vasilenko).
(MEDICINE
in Russia (Rus))

VASILENKO, V.Kh., prof.; MELIKOVA, M.Yu. (Moskva)

Gastrointestinal syndrome in myocardial infarct [with summary in English]. Klin.med. 37 no.2:35-45 Y '59. (MIRA 12:3)

1. Deystvitel'nyy chlen AMN SSSR (for Vasilenko).

(MYOCARDIAL INFARCT, compl.

gastrointestinal synd. (Rus))

(GASTROINTESTINAL DISEASES, etiol. & pathogen.

myocardial infarct. causing gastrointestinal synd. (Rus))

VASILENKO, V.Kh., otv. red.; VYGODCHIKOV, G.V., prof., sam. otv.
red.; MOLCHANOV, N.S., prof., red.; DOMBROVSKAYA, Yu.F.,
prof., red.; KYSS, S.M., prof., red.; SIMELEV, N.A., prof.,
red.; STRUKOV, A.I., prof., red.; NOVIKOV, I.P., kand.med.
nauk, red.; ZAKHAROVA, A.I., tekhn. red.

[Acute pneumonias; materials] Ostrye pnevmonii; [materialy].
Moskva, Medgiz, 1961. 198 p. (MIRA 15:7)

1. Nauchnaya sessiya otdeleniya klinicheskoy meditsiny Akademii
meditsinskikh nauk SSSR, 1960.

(PNEUMONIA)

VASILENKO, V.Kh.; NOVIKOV, I.P.

Activity of a bureau of the Department of Clinical Medicine of the
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16 no.11:75-79 '61. (MIRA 15:2)

(MEDICINE, CLINICAL)

VASILENKO, V. Kh.; ZHUKOVSKIY, M. A. (Moskva)

Problems of clinical medicine at the 15th Session of the General
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(MEDICINE, CLINICAL)

VASILENKO, V. Kh.; LIKHTENSHTEYN, Ye. I.

Hero of Socialist Labor, Academician N. D. Strazhesko (1876-1952);
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(STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952)

VASILENKO, V.Kh., prof. (Moskva); MALAYA, L.T., prof. (Khar'kov)

Cardiological institutions in the U.S.A. Vrach.delo no.9:154-156
S '62. (MIRA 15:8)

1. Deystvitel'nyy chlen AMN SSSR (for Vasilenko)
(UNITED STATES---CARDIOLOGY)

VASILENKO, V.Kh.

Work of the Bureau of the Department of Clinical Medicine for
1960-1961 and the problems of scientific research institutes of the
Department in the light of the resolutions of the 22d Congress of
the CPSU. Vest.AMN SSSR 17 no.5:123-126 '62. (MIRA 15:10)
(MEDICINE, CLINICAL)

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XXX

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,
p 195 (USSR) 15-57-7-10049

AUTHOR: Vasilenko, V. K.

TITLE: The Ili Basin
(Iliyskaya vpadina)

PERIODICAL: Tr. Vses. neft. n.-i. geologorazved. in-ta, 1956,
Nr 96, pp 169-177

ABSTRACT: The author describes the eastern, more deeply buried, part of the Ili basin (Dzharkent depression), located on the border area between the USSR and China. The basin is filled with Jurassic and Tertiary sediments. N. A. Voloshinova divided the Jurassic rocks at the foot of the Ketmen' Range into three series (from the base upward): conglomeratic (180 m), argillaceous (155 m), and sandy (230 m). The thickness of the Jurassic beds increases to the east, reaching 700 m

Card 1/3

The Ili Basin (Cont.)

15-57-7-10049

somewhat east of Borokhudzir. On January 1, 1955, the drilling reached a depth of 1222 m. Down to a depth of 514 m, the hole went through deposits of the straw-yellow and Koybynskiy series. Below this level there occurs a uniform thickness of sandstones, siltstones, and clays, probably belonging to the Minaretnyy and Kokterekskiy series.

Card 3/3

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